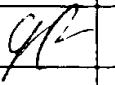
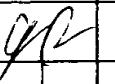
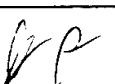
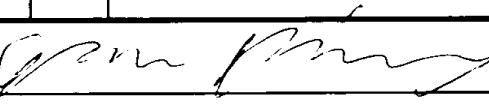
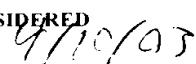
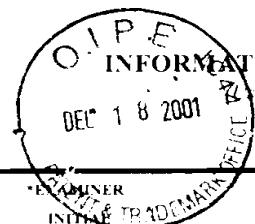


<p style="text-align: center;">INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p style="text-align: right;">DEC 18 2001 JCA4</p>				Docket Number (Optional) A34514-PCT-USA		Application Number 09/890,431	
				Applicant(s) 002923.097830 Poopathiy Kathirgamanathan			
				Filing Date July 30, 2001		Group Art Unit Not Available Yet	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DEMA REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,356,429	10-26-82	Tang			
		4,720,432	01-19-88	VanSlyke, et al.			
		4,885,211	12-05-89	Tang, et al.			
		4,455,364	06-19-84	Sasa			
		5,128,587	07-07-92	Skotheim, et al.			
		5,755,999	05-26-98	Shi, et al.			
		5,757,026	05-26-98	Forrest, et al.			
		5,435,937	07-25-95	Bell, et al.			
		5,281,489	05-02-01	Mori, et al.			
		09/830,897	05-02-01	Kathirgamanathan			
	09//466,523	12-17-99	Kathirgamanathan				
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES
		0087309	02-21-83	Europe			
		0278629	01-27-88	Europe			
		0461542	06-06-91	Europe			
		0556005	02-08-93	Europe			
		0569827	05-05-93	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Y. Hamada, et al., Blue Electroluminescence in Thin Films of Azomethin-Zinc Complexes, Japanese Journal of Applied Physics, 32 (1993), pp. L511-L513					
		✓					
		M. Berggren, et al., Ultraviolet Electroluminescence from an Organic Light Emitting Diode, 6156 Advanced Materials, 7 (1995) November, No. 11, pp. 900-903					
		✓					
EXAMINER 	DATE CONSIDERED 						
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<p style="text-align: center;">INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p style="text-align: right;">DEC 18 2001 104</p> <p style="text-align: right;">PATENT & TRADEMARK OFFICE</p>				ATTY DOCKET NO. A34514-PCT-USA		SERIAL NO. 09/890,431				
				Poopathy Kathirgamanathan				FILING July 30, 2001		GROUP Not Yet Available
				U.S. PATENT DOCUMENTS						
EXAMINER <i>GK</i>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
	09/857,287	06-01-01	Kathirgamanathan							
	09/857,286	06-01-01	Kathirgamanathan			<i>RECEIVED</i> DEC 21 2001				
	09/857,300	06-01-01	Kathirgamanathan			<i>TC 1700</i>				
FOREIGN PATENT DOCUMENTS										
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
<i>GK</i>	0744451	05-25-95	Europe			YES	NO			
	0936844	02-12-99	Europe							
	06145146	11-06-92	Japan							
	1-256584	10-13-89	Japan							
	1-282291	11-14-89	Japan							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
<i>GK</i>		N. Armaroli, et al., Luminescence properties of Eu ³⁺ , Tb ³⁺ , and Gd ³⁺ complexes of the hexafentate N-donor podand tris-[3-(2-pyridyl) pyrazol-yl] hydroborate, Chemical Physics Letters 276 (1997), pp. 435-440								
<i>GK</i>		N.C. Greenham, et al., Measurement of absolute photoluminescence quantum efficiencies in conjugated polymers, Chemical Physics Letters, 241 (1995), pp. 89-96								
EXAMINER <i>GK</i>			DATE CONSIDERED <i>4/10/03</i>							
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>										

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. A34514-PCT-USA	SERIAL NO. 09/890,431		
				Poopathy Kathirgamanathan FILING July 30, 2001		GROUP Not Yet Available	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<div style="text-align: right; margin-right: 100px;"> RECEIVED DEC 21 2001 TC 1700 </div> <div style="text-align: right; margin-right: 100px;"> RECEIVED APR 23 2002 TC 1700 </div>							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	9802018	01-15-98	PCT			YES	NO
	9855561	12-10-98	PCT				
	9858037	12-23-98	PCT				
	61037887	02-22-86	Japan				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	L. Liu, et al., Europium complexes as emitters in organic electroluminescent devices, Synthetic Metals, 91, 1997, pp. 267-269						
	S. Dirr, et al., Luminescence enhancement in microcavity organic multilayer structures, Synthetic Metals, 9, 1997, pp. 53-56						
EXAMINER	<i>John P. Morris</i>			DATE CONSIDERED <i>7/10/03</i>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

A34514-PCT-USA

Application Number

09/890,431

Applicant(s)

Poopathiy Kathirgamanathan

Filing Date

July 30, 2001

Group Art Unit

Not Yet Available**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

J. Kido, et al., White-Light-Emitting Organic Electroluminescent Device Using Lanthanide Complexes, Japanese Journal of Applied Physics Vol. 37, 1996, pp. L394-L396

K. Hensen, et al., Darstellung Von N-BZW. O-Chlormethylsilyl-Derivaten der Amine 1,2,3,4-Tetrahydro-1,10-Phenanthrolin und 8-Hydroxychinolin, Journal of Organometallic Chemistry, 209, (1981), pp. 17-23

RECEIVED
DEC 21 2001

J. Kido, et al., Organic Electoluminescent Devices Using Lanthanide Complexes, Department of Materials Science and Engineering, Yamagata University, Yamagata, Japan, 1995, pp. 110-111

TC 1700

C.J. Kepert, et al., Structural Systematics of Rare Earth Complexes. V+ the Hydrated 1:1 Adducts of 2,2':6',2''-Terpyridine with the Lanthanoid (III) Chlorides, Australian Journal of Chemistry, Vol. 47, 1994, pp. 365-384

K. Machida, et al., Redox Behavior and Luminescence Property of Europium Polymer Complexes, Department of Applied Chemistry, Faculty of Engineering, Osaka University, Osaka, Japan, 1991, pp. 70-71

K. Hayashi, et al., Syntheses and Structural Studies of Lanthanide Mixed Ligand Complexes containing B-diketone, Department of Chemistry, Faculty of Science, Ochanomizu University, Tokyo, Japan 1996, pp. 210-211

K. Tsuchiya, et al., Complex Formation and its High Dispersion in the Simultaneous Vacuum Deposition of Copper and Phthalocyanine, Faculty of Engineering, Yamagata University, Yonezawa, Japan, 1998, pp. 149-154

L. K. Templeton, et al., Anomalous Scattering by Praseodymium, Samarium and Gadolinium and Structures of their Ethylenediaminetetraacetate (edta) Salts, Acta Cryst. (1982). B38, pp. 2155-2159

J. Kido, et al., Bright red light-emitting organic electroluminescent devices having a europium complex as an emitter, Applied Physics Letters, 65, (17), 24 October 1994, pp. 2124-2126

T. Wakimoto, et al., Organic EL cells with high Luminous efficiency, Applied Surface Science, 13/114 (1997), pp. 698-704

J. Kido, et al., Electroluminescence in a Terbium Complex, Chemistry Letters, The Chemical Society of Japan, 1990, pp. 657-660

RECEIVED
APR 23 2002
TC 1700

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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